

## Grade 4 Math Worksheet: Fractions(Difficulty Level: Advanced)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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### Part 1: Like & Unlike Fractions

1. Circle the **like fractions** in the group below:

$$\frac{5}{8}, \frac{3}{8}, \frac{2}{9}, \frac{4}{8}$$

2. Circle the **unlike fractions** in the group below:

$$\frac{7}{10}, \frac{2}{10}, \frac{5}{8}, \frac{1}{10}$$

3. Arrange the following fractions in order from smallest to largest:

$$\frac{2}{9}, \frac{5}{9}, \frac{4}{9}, \frac{1}{9}$$

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### Part 2: Proper, Improper, and Mixed Fractions

4. Identify whether each fraction is **proper**, **improper**, or a **mixed fraction**.

a)  $\frac{5}{6}$  \_\_\_\_\_

b)  $\frac{11}{9}$  \_\_\_\_\_

c)  $3\frac{5}{8}$  \_\_\_\_\_

d)  $\frac{8}{7}$  \_\_\_\_\_

e)  $6\frac{1}{2}$  \_\_\_\_\_

5. Convert the following **improper fractions** to **mixed fractions**:

a)  $\frac{17}{5} =$  \_\_\_\_\_

b)  $\frac{23}{6} =$  \_\_\_\_\_

6. Convert the following **mixed fractions** to **improper fractions**:

a)  $4\frac{3}{7} =$  \_\_\_\_\_

b)  $7\frac{5}{8} =$  \_\_\_\_\_

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### Part 3: Word Problems

7. A baker uses  $2\frac{1}{4}$  cups of flour for one cake. How much flour will the baker need to make 3 cakes?

8. Michael ran  $3\frac{2}{5}$  kilometers in the morning and  $2\frac{3}{5}$  kilometers in the afternoon. How far did Michael run in total?

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### Bonus Challenge

10. A garden has a length of  $5\frac{1}{2}$  meters and a width of  $3\frac{3}{4}$  meters. What is the area of the garden in square meters?

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**--BE THE CHAMPION!--**